

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062371.D
 Acq On : 6 Jul 2020 18:43
 Operator : JC/MD
 Sample : VN0706WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBL01

Quant Time: Jul 07 05:36:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	853649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1543191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1463744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	524338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	768526	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	7.55	113	517240	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	10.06	98	1980422	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.38	95	693977	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

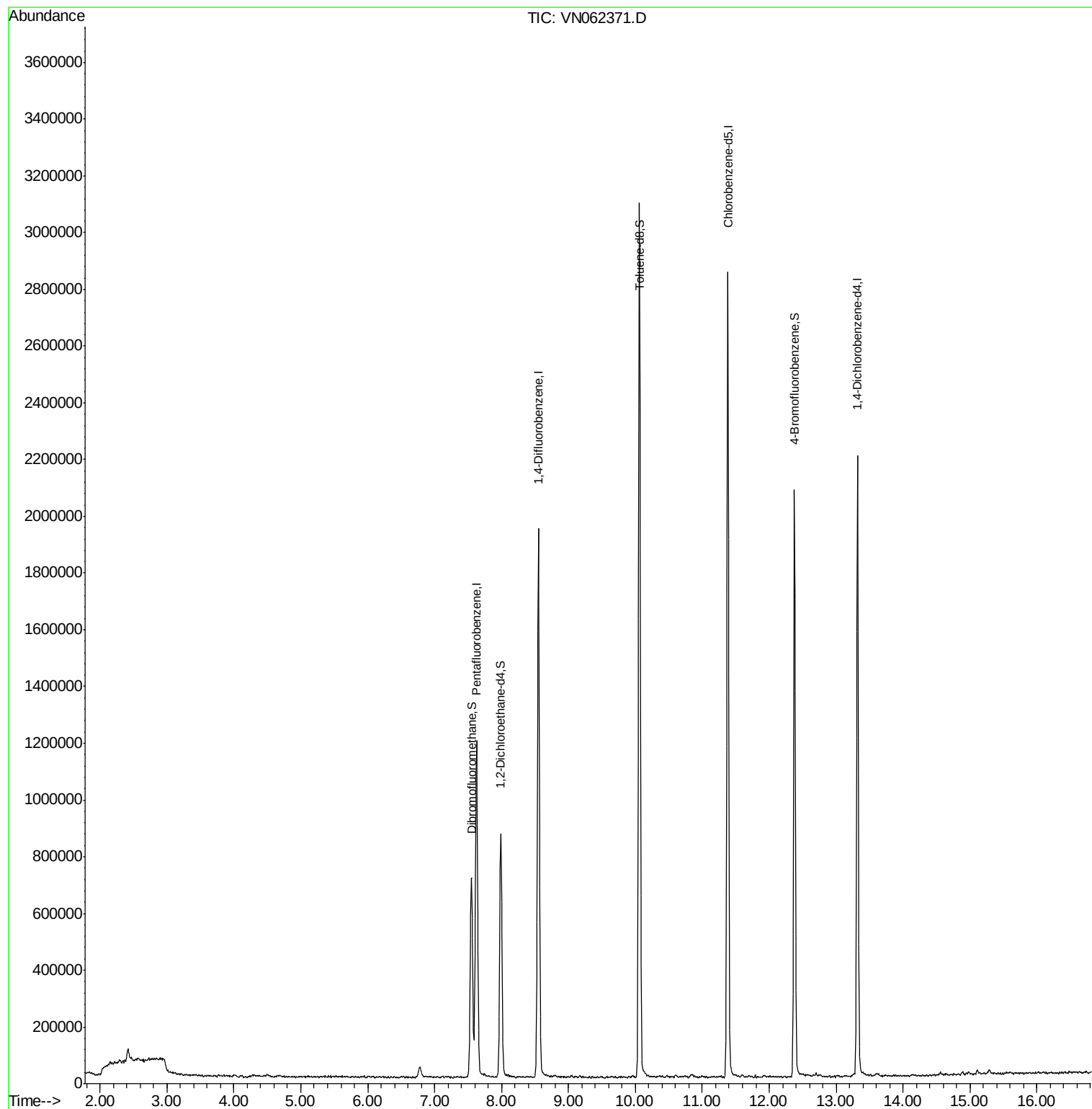
Target Compounds	Qvalue
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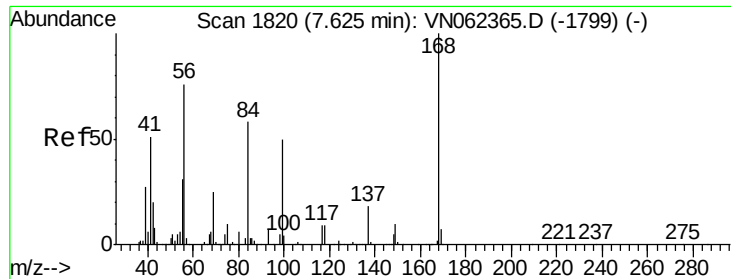
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062371.D

Acq: 6 Jul 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

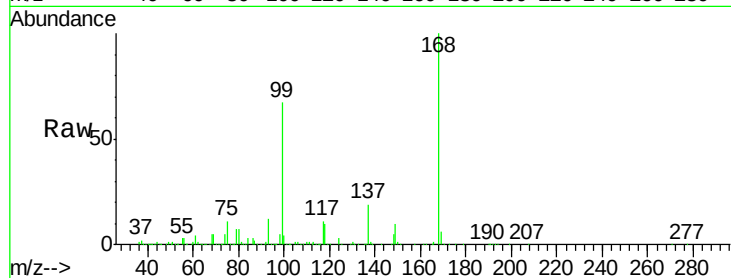
VN0706WBL01

Tot Ion:168 Resp: 853649

Ion Ratio Lower Upper

168 100

99 66.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

400000

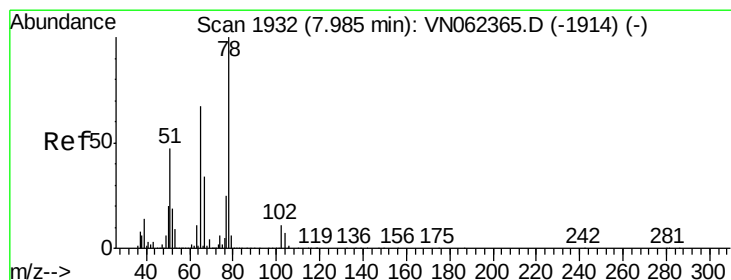
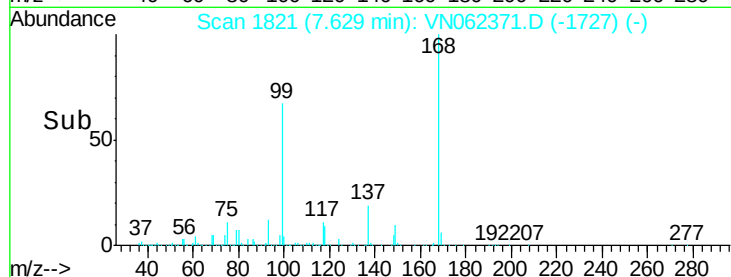
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.770 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062371.D

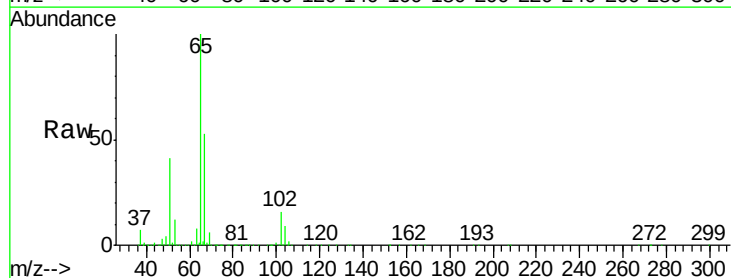
Acq: 6 Jul 2020 18:43

Tgt Ion: 65 Resp: 768526

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

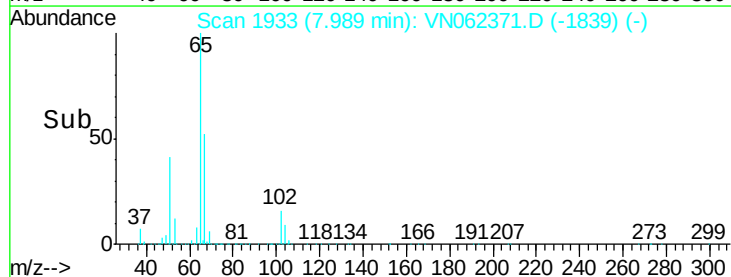
300000

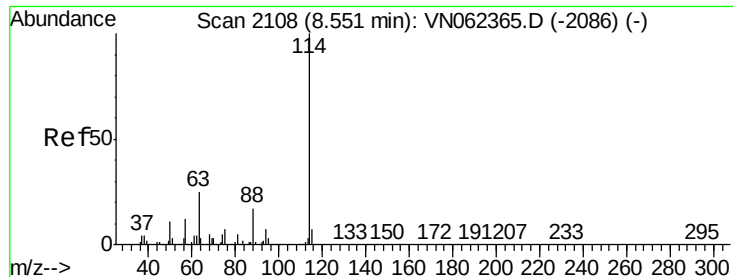
200000

100000

0

Time--> 7.90 8.00 8.10

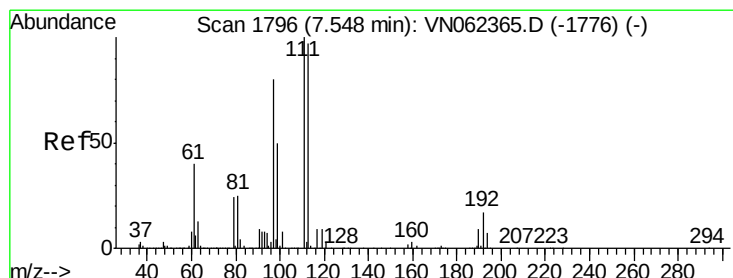
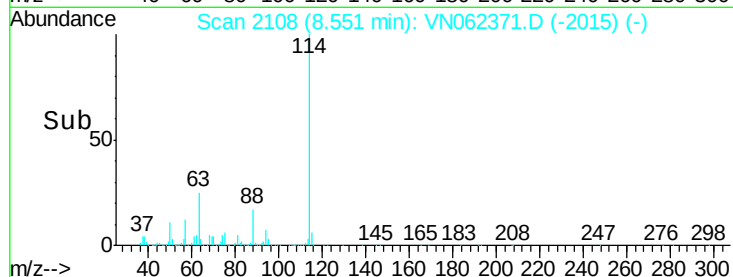
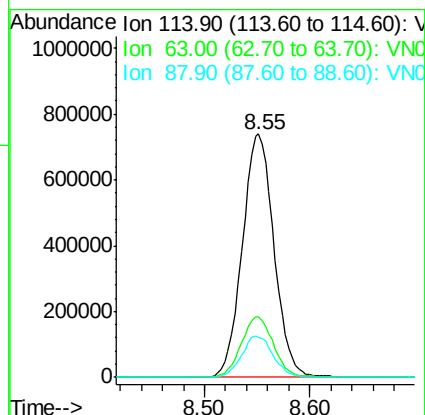
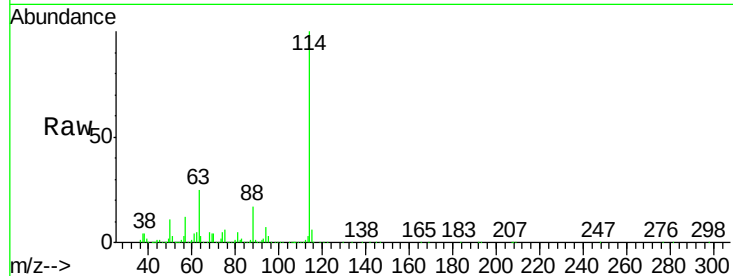




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062371.D
Acq: 6 Jul 2020 18:43

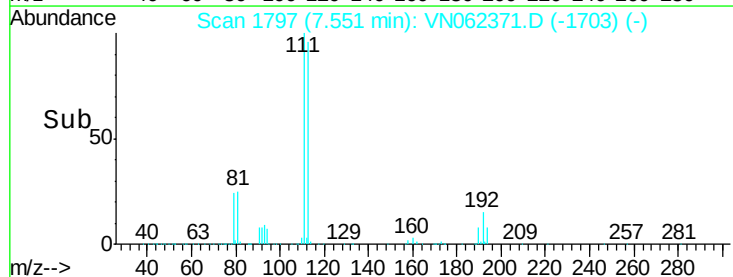
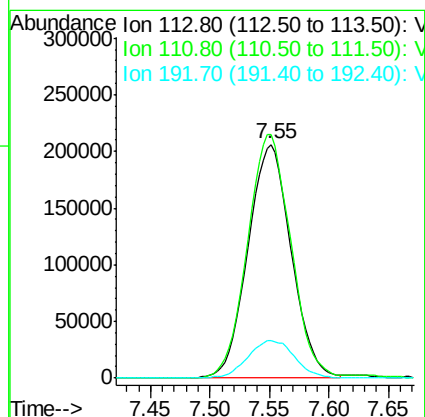
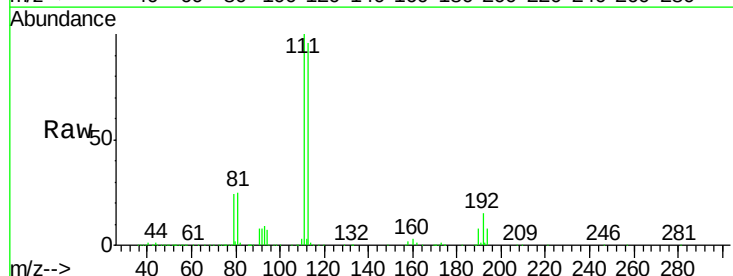
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

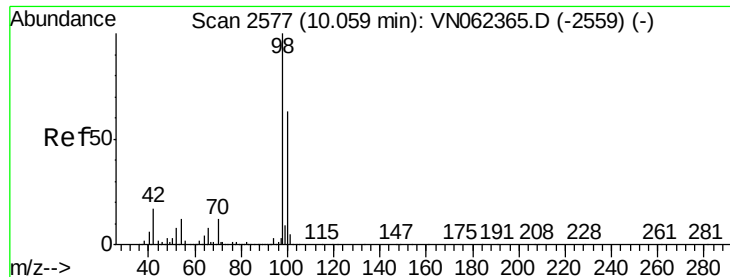
Tot Ion:114 Resp: 1543191
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.0
88 16.6 0.0 34.0



#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062371.D
Acq: 6 Jul 2020 18:43

Tgt Ion:113 Resp: 517240
Ion Ratio Lower Upper
113 100
111 105.0 83.2 124.8
192 17.5 14.2 21.2





#50

Toluene-d8

Concen: 50.323 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062371.D

Acq: 6 Jul 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

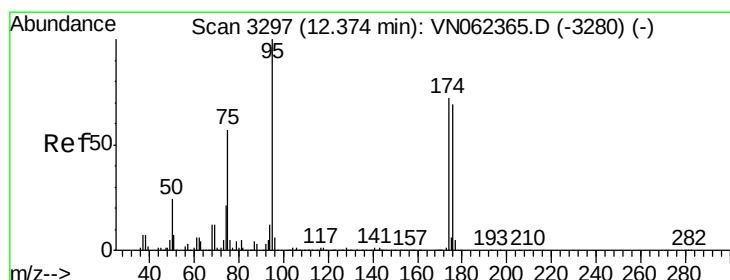
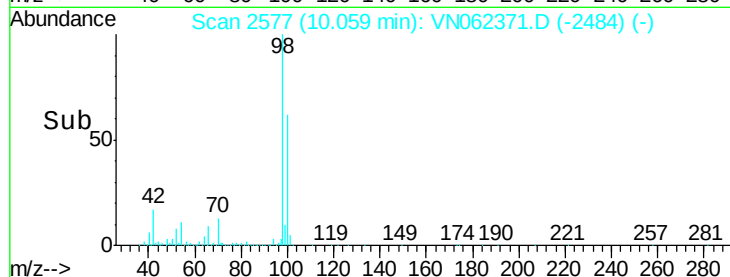
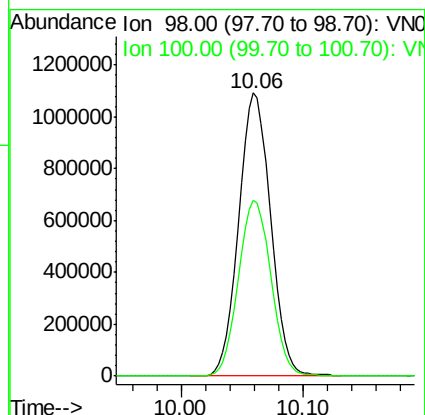
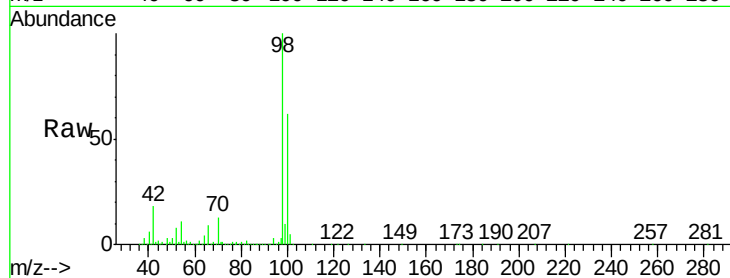
VN0706WBL01

Tot Ion: 98 Resp: 1980422

Ion Ratio Lower Upper

98 100

100 63.2 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 46.044 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062371.D

Acq: 6 Jul 2020 18:43

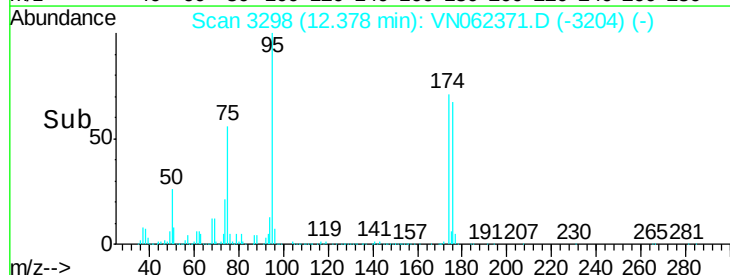
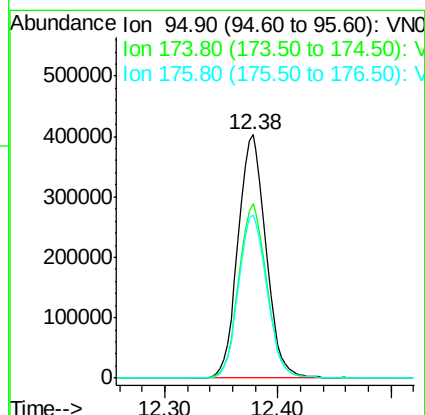
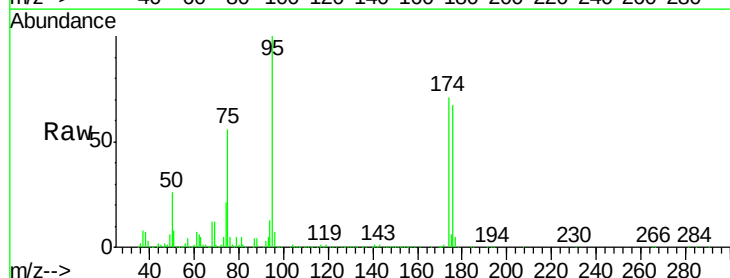
Tgt Ion: 95 Resp: 693977

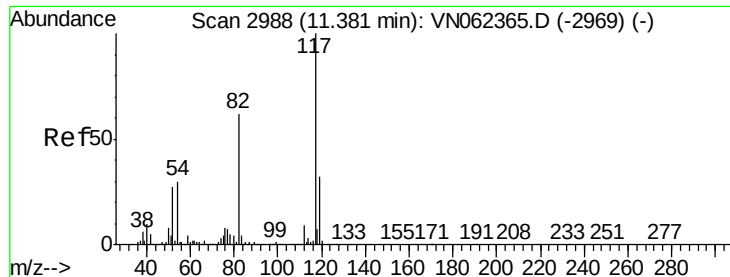
Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.8

176 68.4 0.0 140.2

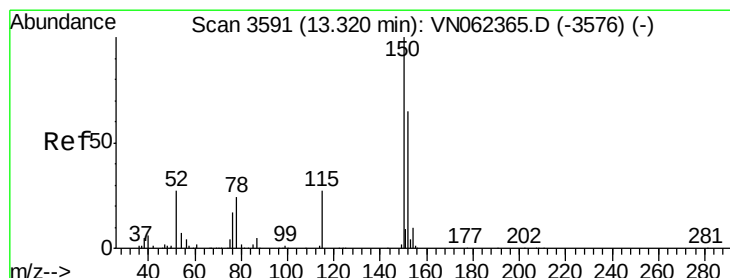
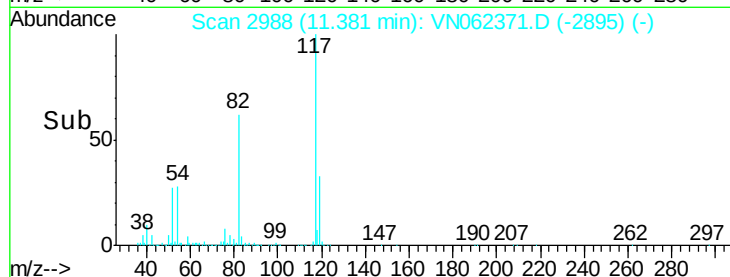
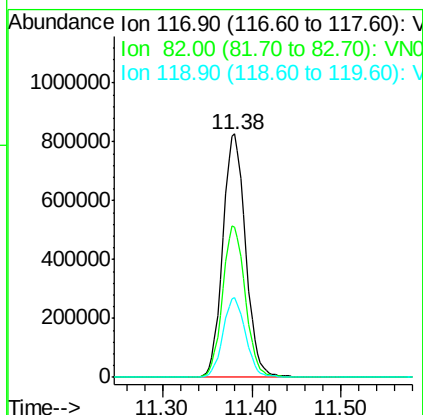
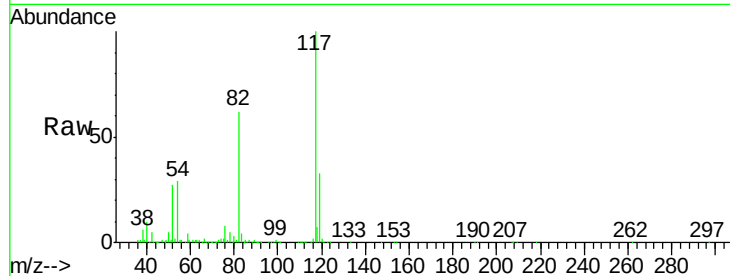




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062371.D
Acq: 6 Jul 2020 18:43

Instrument :
MSVOA_N
ClientSampled :
VN0706WBL01

Tot Ion:117 Resp: 1463744
Ion Ratio Lower Upper
117 100
82 61.9 49.4 74.2
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062371.D
Acq: 6 Jul 2020 18:43

Tgt Ion:152 Resp: 524338
Ion Ratio Lower Upper
152 100
115 62.8 30.5 91.5
150 157.6 0.0 346.8

